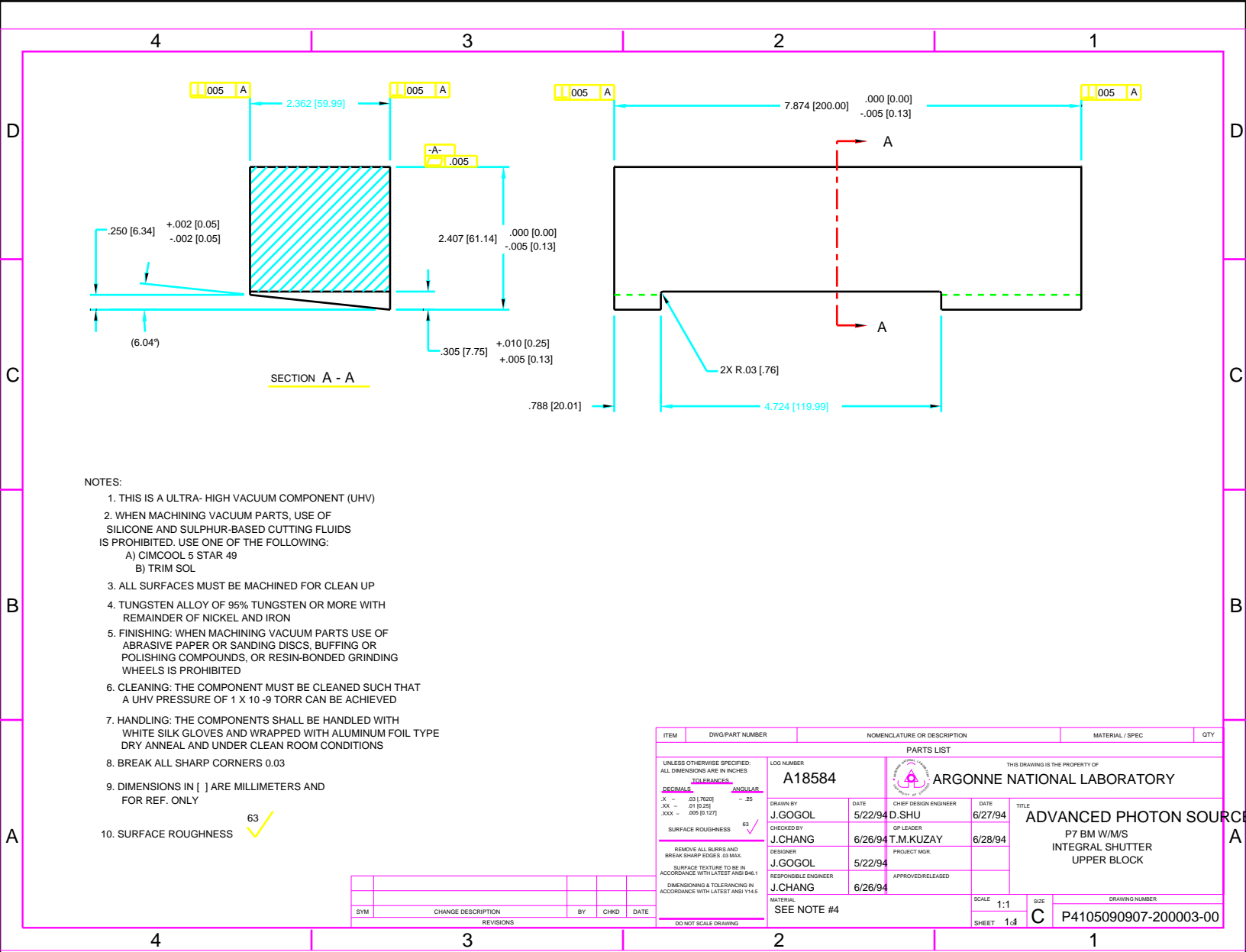


(Ø)	PLOT SCALE: 1=1	DWG. SCALE: 1	A18584
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- NOTES:
1. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
 2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
 3. ALL SURFACES MUST BE MACHINED FOR CLEAN UP
 4. TUNGSTEN ALLOY OF 95% TUNGSTEN OR MORE WITH REMAINDER OF NICKEL AND IRON
 5. FINISHING: WHEN MACHINING VACUUM PARTS USE OF ABRASIVE PAPER OR SANDING DISCS, BUFFING OR POLISHING COMPOUNDS, OR RESIN-BONDED GRINDING WHEELS IS PROHIBITED
 6. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF 1×10^{-9} TORR CAN BE ACHIEVED
 7. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
 8. BREAK ALL SHARP CORNERS 0.03
 9. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY
 10. SURFACE ROUGHNESS 63

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		
LOG NUMBER A18584		ADVANCED PHOTON SOURCE P7 BM W/M/S INTEGRAL SHUTTER UPPER BLOCK		
DRAWN BY J.GOGOL		DATE 5/22/94	CHIEF DESIGN ENGINEER D.SHU	DATE 6/27/94
CHECKED BY J.CHANG		DATE 6/26/94	GP LEADER T.M.KUZAY	DATE 6/28/94
DESIGNER J.GOGOL		DATE 5/22/94	PROJECT MGR.	
RESPONSIBLE ENGINEER J.CHANG		DATE 6/26/94	APPROVED/RELEASED	
MATERIAL SEE NOTE #4		SCALE 1:1	SIZE C	DRAWING NUMBER P4105090907-200003-00
SYN		CHANGE DESCRIPTION	BY	CHKD
REVISIONS				
DO NOT SCALE DRAWING				